

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claims 1-10 (canceled).

Claim 11 (new): A balanced splitter comprising:

an unbalanced line including a first strip line and a second strip line connected in series;

an unbalanced terminal electrically connected to the first strip line of the unbalanced line;

a first balanced line including a third strip line electromagnetically coupled to the first strip line, and a fourth strip line electromagnetically coupled to the second strip line;

a first balanced terminal including two terminals, a first and a second of the two terminals being electrically connected to the third strip line and the fourth strip line of the first balanced line, respectively;

a second balanced line including a fifth strip line electromagnetically coupled to the first strip line, and a sixth strip line electromagnetically coupled to the second strip line;

a second balanced terminal including two terminals, a first and a second of the two terminals being electrically connected to the fifth strip line and the sixth strip line of the second balanced line, respectively;

a first resistor electrically connected between the first balanced terminal connected to the third strip line and the second balanced terminal connected to the fifth strip line; and

a second resistor electrically connected between the first balanced terminal connected to the fourth strip line and the second balanced terminal connected to the sixth strip line.

Claim 12 (new): A balanced splitter comprising:

- a first strip line having a first end and a second end;
- a second strip line having a first and a second end, the second end being electrically connected to the second end of the first strip line;
- an unbalanced terminal electrically connected to the first end of the first strip line;
- a third strip line having a first end and a second end, the first end being electrically connected to a ground;
- a fourth strip line having a first end and a second end, the first end being electrically connected to the ground;
- a first balanced terminal including two terminals, a first and a second of the two terminals being electrically connected to the second end of the third strip line and the second end of the fourth strip line, respectively;
- a fifth strip line having a first end and a second end, the first end being electrically connected to the ground;
- a sixth strip line having a first end and a second end, the first end being electrically connected to the ground;
- a second balanced terminal including two terminals, a first and a second of the two terminals being electrically connected to the second end of the fifth strip line and the second end of the sixth strip line, respectively;
- a first resistor electrically connected between the second end of the third strip line and the second end of the fifth strip line; and
- a second resistor electrically connected between the second end of the fourth strip line and the second end of the sixth strip line; wherein

- the first end of the second strip line is an open end; and
- the first strip line and the third strip line are electromagnetically coupled to each other such that the first ends and the second ends thereof are opposed to each other, the first strip line and the fifth strip line are electromagnetically coupled to each other such that the first ends and the second ends thereof are opposed to each other, the second strip line and the fourth strip line are electromagnetically coupled to each other such that the first ends and the second ends thereof are opposed to each other, and the

second strip line and the sixth strip line are electromagnetically coupled to each other such that the first ends and the second ends thereof are opposed to each other.

Claim 13 (new): A balanced splitter comprising:

- a first strip line having a first end and a second end;
- a second strip line having a first end and a second end, the second end being electrically connected to the second end of the first strip line;
- an unbalanced terminal electrically connected to the first end of the first strip line;
- a third strip line having a first end and a second end, the second end being electrically connected to a ground;
- a fourth strip line having a first end and a second end, the second end being electrically connected to ground;
- a first balanced terminal including two terminals, a first and a second of the two terminals being electrically connected to the first end of the third strip line and the first end of the fourth strip line, respectively;
- a fifth strip line having a first end and a second end, the second end being electrically connected to the ground;
- a sixth strip line having a first end and a second end, the second end being electrically connected to the ground;
- a second balanced terminal including two terminals, a first and a second of the two terminals being electrically connected to the first end of the fifth strip line and the first end of the sixth strip line, respectively;
- a first resistor electrically connected between the first end of the third strip line and the first end of the fifth strip line; and
- a second resistor electrically connected between the first end of the fourth strip line and the first end of the sixth strip line; wherein
  - the first end of the second strip line is electrically connected to the ground; and
  - the first strip line and the third strip line are electromagnetically coupled to each other such that the first ends and the second ends thereof are opposed to each other, the first strip line and the fifth strip line are electromagnetically coupled to each other

such that the first ends and the second ends thereof are opposed to each other, the second strip line and the fourth strip line are electromagnetically coupled to each other such that the first ends and the second ends thereof are opposed to each other, and the second strip line and the sixth strip line are electromagnetically coupled to each other such that the first ends and the second ends thereof are opposed to each other.

Claim 14 (new): The balanced splitter according to Claim 11, wherein the first, second, third, fourth, fifth, and the sixth strip lines are  $1/4$  wavelength strip lines.

Claim 15 (new): The balanced splitter according to Claim 12, wherein the first, second, third, fourth, fifth, and the sixth strip lines are  $1/4$  wavelength strip lines.

Claim 16 (new): The balanced splitter according to Claim 13, wherein the first, second, third, fourth, fifth, and the sixth strip lines are  $1/4$  wavelength strip lines.

Claim 17 (new): The balanced splitter according to Claim 11, wherein a resistance value of the first resistor and a resistance value of the second resistor are each about  $1/2$  of the sum of a balanced line characteristic impedance value of the first balanced terminal and a balanced line characteristic impedance value of the second balanced terminal.

Claim 18 (new): The balanced splitter according to Claim 12, wherein a resistance value of the first resistor and a resistance value of the second resistor are each about  $1/2$  of the sum of a balanced line characteristic impedance value of the first balanced terminal and a balanced line characteristic impedance value of the second balanced terminal.

Claim 19 (new): The balanced splitter according to Claim 13, wherein a resistance value of the first resistor and a resistance value of the second resistor are each about  $1/2$  of the sum of a balanced line characteristic impedance value of the first

balanced terminal and a balanced line characteristic impedance value of the second balanced terminal.

Claim 20 (new): A balanced splitter comprising:

first, second, third, fourth, fifth, and sixth strip lines, and ground electrodes laminated on top of one another with intervening dielectric layers to define a laminate;

an unbalanced terminal, first and second balanced terminals, and a ground terminal extending to a surface of the laminate, the first balanced terminal and the second balanced terminal each including two terminals;

the unbalanced terminal is electrically connected to the first strip line of an unbalanced line including the first strip line and the second strip line connected in series;

a first terminal and a second terminal of the first balanced terminal electrically connected to the third strip line and the fourth strip line of a first balanced line, respectively, the first balanced line including the third strip line electromagnetically coupled to the first strip line, and the fourth strip line electromagnetically coupled to the second strip line;

a first and a second terminal of the second balanced terminal electrically connected to the fifth strip line and the sixth strip line of a second balanced line, respectively, the second balanced line including the fifth strip line electromagnetically coupled to the first strip line, and the sixth strip line electromagnetically coupled to the second strip line;

a first resistor electrically connected between the first balanced terminal connected to the third strip line and the second balanced terminal connected to the fifth strip line; and

a second resistor electrically connected between the first balanced terminal connected to the fourth strip line and the second balanced terminal connected to the sixth strip line.

Claim 21 (new): The balanced splitter according to Claim 20, wherein with respect to a laminating direction of the dielectric layers, the ground electrodes are respectively arranged in an upper layer portion, a middle layer portion, and a lower layer portion of the laminate; the first, third, and fifth strip lines are arranged between the ground electrode in the upper layer portion and the ground electrode in the middle layer portion; and the second, fourth, and sixth strip lines are arranged between the ground electrode in the middle layer portion and the ground electrode in the lower layer portion.

Claim 22 (new): The balanced splitter according to Claim 20, wherein with respect to a laminating direction of the dielectric layers, the ground electrodes are respectively arranged in an upper layer portion, a middle layer portion, and a lower layer portion of the laminate; the second, fourth, and sixth strip lines are arranged between the ground electrode in the upper layer portion and the ground electrode in the middle layer portion; and the first, third, and fifth strip lines are arranged between the ground electrode in the middle layer portion and the ground electrode in the lower layer portion.

Claim 23 (new): The balanced splitter according to Claim 20, wherein the surface of the laminate is provided with an external terminal electrically connected to one of the first resistor and the second resistor.

Claim 24 (new): The balanced splitter according to Claim 20, wherein the first resistor and the second resistor are arranged on the surface of the laminate.